

JUN 21 2007

REMARKS/ARGUMENTS

Applicants gratefully acknowledge the indication that claims 24 -- 34 stand allowed.

In light of the incorporation of independent claim 1 into dependent claim 5, it is respectfully submitted that claim 5 and the claims depending therefrom are also patentable. In this regard, claim 5 is patentable over the proposed combination including Horden, Georgiou, and Wilson. Specifically, the Office Action contends that Wilson teaches that the recited bus ratio is calculated based on subtraction of an offset from a maximum bus ratio, where the offset is based at least in part on a bus frequency of an integrated device.

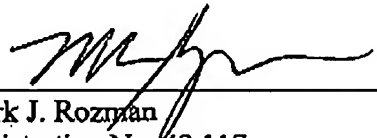
Applicants respectfully disagree with this contention, as Wilson nowhere teaches or suggests this recited subject matter. Instead, Wilson is directed to a processor that can be prevented from being clocked at greater than a rated frequency. However, neither the cited portion of Wilson nor anywhere else therein teaches or suggests calculation of a bus ratio used in a reduced power operating mode based on subtraction of an offset from a maximum bus ratio. That is, in Wilson all that is taught is that frequency limiting fuses may be set for a lower clock frequency than a clock frequency at which the processor can operate. This is strictly with regard to preventing overclocking of a processor that is rated at lower speeds. There is no calculation taught or suggested in Wilson, and certainly not a calculation that subtracts an offset from a maximum bus ratio. In this regard, the maximum clock frequency in Wilson is not a maximum bus ratio, nor is there any offset that is "based at least in part" on a supported bus frequency.

Still further, there is no basis for combining Wilson with either of Horden or Georgiou, as Wilson is directed to preventing overclocking of a processor beyond its marked frequency, while Horden is directed to controlling of power consumption. Accordingly, claim 5 and its dependent claims are patentable over the proposed combination.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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